

IFW Receipt



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q80869

Yoshiaki SHIMIZU, *et al.*

Appln. No.: 10/814,648

Group Art Unit: 2853

Confirmation No.: 5902

Examiner: Unknown

Filed: April 01, 2004

For: LIQUID EJECTING APPARATUS

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

**ATTN:** Office of Initial Patent Examination  
Filing Receipt Correction  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and request the following correction(s):

**Power of Attorney:** [None]

John H. Mion 18,879

Brian W. Hannon 32,778

Bruce E. Kramer 33,725

Richard C. Turner 29,710

Paul F. Neils 33,102

David J. Cushing 28,703

Robert V. Sloan 22,775

Howard L. Bernstein 25,665

Darryl Mexic 23,063

Alan J. Kasper 25,426

Verification for the requested correction(s) is indicated on the Declaration and Power of Attorney filed on September 17, 2004.

Respectfully submitted,

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

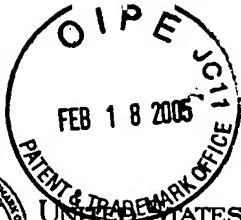
Darryl Mexic  
Registration No. 23,063

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: February 18, 2005



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
✓ 10/814,648	✓ 04/01/2004	2853	✓ 030	✓ Q80869	✓ 15	✓ 16	✓ 12

23373  
SUGHRUE MION, PLLC  
2100 PENNSYLVANIA AVENUE, N.W.  
SUITE 800  
WASHINGTON, DC 20037

CONFIRMATION NO. 5902  
UPDATED FILING RECEIPT



\*OC000000014624091\*

Date Mailed: 11/30/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

✓ Applicant(s)

Yoshiaki Shimizu, Nagano-Ken, JAPAN;  
Nobuhito Takahashi, Nagano-Ken, JAPAN;  
Masaru Takahashi, Nagano-Ken, JAPAN;

✓ Assignment For Published Patent Application

SEIKO EPSON CORPORATION

Power of Attorney: [None]

Domestic Priority data as claimed by applicant

✓ Foreign Applications

JAPAN 2003-98938 04/02/2003  
JAPAN 2004-99691 03/30/2004

If Required, Foreign Filing License Granted: 06/18/2004

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/814,648**

Projected Publication Date: 03/10/2005

*Handwritten signatures and numbers:*  
John H. Mion 18,879  
Bruce E. Kramer 33,725  
Paul F. Neils 33,102  
Robert V. Sloan 22,775  
Darryl Mexic 23,003  
Brian W. Hannon 32,778  
Richard C. Turner 29,710  
David J. Cushing 28,703  
Howard L. Bernstein 25,665  
Alan J. Kasper 25,426

Non-Publication Request: No

Early Publication Request: No

✓ Title

Liquid ejecting apparatus

Preliminary Class

347

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yoshiaki SHIMIZU , *et al.*

Appln. No.: 10/814,648

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For: LIQUID EJECTING APPARATUS



Docket No: Q80869

Group Art Unit: 2853

Examiner: Unknown

LIST OF ATTORNEYS PURSUANT TO 37 C.F.R. § 1.32(c)(3)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.32(c)(3), please recognize the following ten or fewer registered patent attorneys or registered patent agents named on the Declaration and Power of Attorney executed by the inventor(s) on June 14, 2004, June 17, 2004, and June 14, 2004, as being of record in the above identified Application or Patent.

John H. Mion 18,879	Brian W. Hannon 32,778
Bruce E. Kramer 33,725	Richard C. Turner 29,710
Paul F. Neils 33,102	David J. Cushing 28,703
Robert V. Sloan 22,775	Howard L. Bernstein 25,665
Darryl Mexic 23,063	Alan J. Kasper 25,426

The above identified attorneys are also associated with Customer Number 23373..

Respectfully submitted,

Darryl Mexic  
Registration No. 23,063

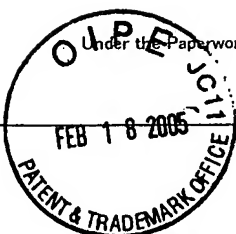
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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: February 18, 2005



## Japanese Language Declaration

(日本語宣言書)

委任状： 私は本出願を審査する手続を行い、且つ米国特許商標庁との全ての業務を遂行するために、記名された発明者として、下記の弁護士及び/または弁理士を任命する。(氏名及び登録番号を記載すること)

John H. Mion, Reg. 18,879; Robert J. Seas, Jr., Reg. 21,092; Darryl Mexic, Reg. 23,063; Robert V. Sloan, Reg. 22,775;

Peter D. Olexy, Reg. 24,513; J. Frank Osha, Reg. 24,625; Waddell A. Biggart, Reg. 24,861; Louis Gubinsky, Reg. 24,835; Neil B. Siegel, Reg. 25,200;

David J. Cushing, Reg. 28,703; John R. Inge, Reg. 26,916; Joseph J. Ruch, Jr., Reg. 26,577; Sheldon I. Landsman, Reg. 25,430; Richard C. Turner, Reg. 29,710;

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Howard L. Bernstein, Reg. 25,665; Alan J. Kasper, Reg. 25,426; Kenneth J. Burchfiel, Reg. 31,333; Gordon Kit, Reg. 30,764; Susan J. Mack, Reg. 30,951;

Frank L. Bernstein, Reg. 31,484; Mark Boland, Reg. 32,197; William H. Mandir, Reg. 32,156; Scott M. Daniels, Reg. 32,562; Brian W. Hannon, Reg. 32,778;

Abraham J. Rosner, Reg. 33,276; Bruce E. Kramer, Reg. 33,725; Paul F. Neils, Reg. 33,102; Brett S. Sylvester, Reg. 32,765

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SUGHRUE MION, PLLC  
(202) 293-7060

唯一または第一発明者名

Full name of sole or first inventor

清水 芳明

Yoshiaki SHIMIZU

発明者の署名

日付

Inventor's signature

Date

清水 芳明

2004年6月14日

Yoshiaki Shimizu

6/14/04

住所

Residence

日本国、長野県

Nagano-Ken, Japan

国籍

Citizenship

日本

Japan

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Nagano-Ken 392-8502 Japan

第二共同発明者

Full name of second joint inventor, if any

高橋 宣仁

Nobuhito TAKAHASHI

第二共同発明者の署名

日付

Second inventor's signature

Date

高橋 宣仁

2004年6月17日

Nobuhito Takahashi

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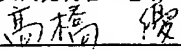
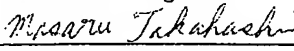
c/o Seiko Epson Corporation, 3-5, Owa 3-Chome, Suwa-Shi,  
Nagano-Ken 392-8502 Japan

(第三以下の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

## Japanese Language Declaration

(日本語宣言書)

第三共同発明者		Full name of third joint inventor, if any	
高橋 優		Masaru TAKAHASHI	
第三共同発明者の署名	日付	Third inventor's signature	Date
	2004年6月14日		Jun 14, 2004
住所 日本国, 長野県		Residence Nagano-Ken, Japan	
国籍 日本		Citizenship Japan	
郵便の宛先 392-8502 日本国長野県諏訪市大和3丁目3番5号セイコーエプソン株式会社内		Post Office Address c/o Seiko Epson Corporation, 3-5, Owa 3-Chome, Suwa-Shi, Nagano-Ken 392-8502 Japan	
第四共同発明者		Full name of fourth joint inventor, if any	
第四共同発明者の署名		Fourth inventor's signature	
日付		Date	
住所 日本国,		Residence , Japan	
国籍 日本		Citizenship Japan	
郵便の宛先		Post Office Address	
第五共同発明者		Full name of fifth joint inventor, if any	
第五共同発明者の署名		Fifth inventor's signature	
日付		Date	
住所 日本国,		Residence , Japan	
国籍 日本		Citizenship Japan	
郵便の宛先		Post Office Address	
第六共同発明者		Full name of sixth joint inventor, if any	
第六共同発明者の署名		Sixth inventor's signature	
日付		Date	
住所 日本国,		Residence , Japan	
国籍 日本		Citizenship Japan	
郵便の宛先		Post Office Address	
(第七以下の共同発明者についても同様に記載し、署名をするこ と)		(Supply similar information and signature for seventh and subsequent joint inventors.)	

Seiko Epson Ref. No.: F010040US00/TP

Attorney's Ref. No.: Q80869

## Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

## Japanese Language Declaration

日本語宣言書



私は、以下に記名された発明者として、ここに下記の通り宣言する:

私の住所、郵便の宛先そして国籍は、私の氏名の後に記載された通りである。

下記の名称の発明について特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私が最初、最先且つ唯一の発明者である（唯一の氏名が記載されている場合）か、或いは最初、最先且つ共同発明者である（複数の氏名が記載されている場合）と信じている。

液体噴射装置

上記発明の明細書はここに添付されているが、下記の欄がチェックされている場合は、この限りでない:

- ☒ 2004年4月1日の日に出願され、  
この出願の米国出願番号またはPCT国際出願番号は、  
10/814,648 であり、且つ  
\_\_\_\_\_ の日に補正された出願（該当する場合）

私は、上記の補正書によって補正された、特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

私は、連邦規則法典第37編規則1.56に定義されている、特許性について重要な情報を開示する義務があることを認める。

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

LIQUID EJECTING APPARATUS

the specification of which is attached hereto unless the following box is checked:

- ☒ was filed on April 1, 2004  
as United States Application Number or  
PCT International Application Number  
10/814,648 and was amended on  
\_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

**Burden Hour Statement:** This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231

## Japanese Language Declaration

(日本語宣言書)

私は、ここに、以下に記載した外国での特許出願または発明者証の出願、或いは米国以外の少なくとも一国を指定している米国法典第35編第365条(a)によるPCT国際出願について、同第119条(a)-(d)項又は第365条(b)項に基づいて優先権を主張するとともに、優先権を主張する本出願の出願日より前の出願日を有する外国での特許出願または発明者証の出願、或いはPCT国際出願については、いかなる出願も、下記の枠内をチェックすることにより示した。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

## Prior Foreign Application(s)

外国での先行出願

## Priority Not Claimed

優先権主張なし

2003- 98938

Japan

2/April/2003

(Number)

(Country)

(Day/Month/Year Filed)

(番号)

(国名)

(出願日/月/年)

2004- 99691

Japan

30/March/2004

(Number)

(Country)

(Day/Month/Year Filed)

(番号)

(国名)

(出願日/月/年)

私は、ここに、下記のいかなる米国仮特許出願についても、その米国法典第35編第119条(e)項の利益を主張する。

I hereby claim the benefit under Title 35, United States Code, Section 119 (e) of any United States provisional application(s) listed below.

(Application No.)

(出願番号)

(Filing Date)

(出願日)

(Application No.)

(出願番号)

(Filing Date)

(出願日)

私は、ここに、下記のいかなる米国出願についても、その米国法典第35編第120条に基づく利益を主張し、又米国を指定するいかなるPCT国際出願についても、その同第365条(c)に基づく利益を主張する。また、本出願の各特許請求の範囲の主題が米国法典第35編第112条第1段に規定された態様で、先行する米国特許出願又はPCT国際出願に開示されていない場合においては、その先行出願の出願日と本国内出願日またはPCT国際出願日との間の期間中に入手された情報で、連邦規則法典第37編規則1.56に定義された特許性に関わる重要な情報について開示義務があることを承認する。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365 (c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application:

(Application No.)

(出願番号)

(Filing Date)

(出願日)

(Status: Patented, Pending, Abandoned)

(現況: 特許許可、係属中、放棄)

(Application No.)

(出願番号)

(Filing Date)

(出願日)

(Status: Patented, Pending, Abandoned)

(現況: 特許許可、係属中、放棄)

私は、ここに表明された私自身の知識に係わる陳述が真実であり、且つ情報と信ずることに基づく陳述が、真実であると信じられることを宣言し、さらに、故意に虚偽の陳述などを行った場合は、米国法典第18編第1001条に基づき、罰金または拘禁、若しくはその両方により処罰され、またそのような故意による虚偽の陳述は、本出願またはそれに対して発行されるいかなる特許も、その有効性に問題が生ずることを理解した上で陳述が行われたことを、ここに宣言する。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.